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Attorney Docket No. 101792-200

U.S. Serial No. 10/077,727

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1. Canceled
2. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of substantially insoluble surface oxidized copper powder, ~~or a copper-containing compound selected from the group consisting of~~ cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting ~~essentially~~ essentially of a copper pyrrhione formed by reaction of pyrrhione acid or a water-soluble salt of pyrrhione with a portion of copper in said ~~core copper or copper-containing compound.~~
3. (Canceled)
4. (Currently Amended) The composition of claim 2 wherein said ~~copper powder or copper-containing compound~~ core is present in said composition in an amount of from about 99 to about 60% by weight, based upon the total weight of said composition.
5. (Canceled)
6. (Original) The composition of claim 4 wherein said copper-containing composite is present in said composition in an amount of from about 97 to about 86% by weight, based upon the total weight of said composition.

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7. (Previously Presented) The composition of claim 2 wherein said copper pyrithione shell is present in an amount of from about 1 to about 40% by weight, based upon the total weight of said composition.

8. (Previously Presented) The composition of claim 6 wherein said copper pyrithione shell comprises from about 2 to about 20% by weight, based on the total weight of said composition.

9. (Previously Presented) The composition of claim 7 wherein said copper pyrithione shell comprises from about 3 to about 14% by weight, based on the total weight of said composition.

10. (Cancelled)

11. (Currently Amended) The composition of claim ~~10~~ 41 wherein said fatty acid is selected from the group consisting of stearic, oleic, glycerol, and combinations thereof.

Claims 12 – 34 (Canceled)

35. (Previously Presented) The composition of claim 2 wherein the core material is copper I oxide and the shell is copper II pyrithione.

36. (Previously Presented) The composition of claim 35 wherein the weight ratio of copper oxide to copper pyrithione is from 5:1 to 15:1. and a coating diameter is about 1% of the particle.

37. (Canceled)

38. (Canceled)

39. (Canceled)

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40. (Currently Amended) The composition of claim 2, wherein the copper pyrithione and the ~~copper or copper-containing compound~~ core are present within a weight range of ratios from 1:20 to 20:1 of copper pyrithione relative to the ~~copper or copper-containing compound~~ core.

41. (New) A biocidal composition comprising composite particles, each of said composite particles containing a shell, a core and a fatty acid coating on said shell, said core consisting essentially of substantially insoluble surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with a portion of copper in said core.